

ABSTRACT OF THE DISCLOSURE

A viscosimeter for measuring the viscosity of a solution in a solvent includes flow resistances having the smallest possible thickness and a small volume compared with all other parallel and following capillaries in a flow conduit system with two legs. The flow conduit system has three parallel flow circuits among which at least two flow circuits are connected by a differential pressure sensor or sensor for differential pressure. The arrangement includes an inlet which divides into two legs, wherein one of the two legs includes a pressure reducing element, a following branch going to a differential pressure sensor and a pressure reducing element in the feeding conduit to a junction which runs into an outlet conduit. The other leg starting from the branch point includes a pressure reducing element which is connected to the differential pressure sensor and to a resistance capillary in the conduit.